STIC Search Report

EIC 2100

TO: Cam-Linh T Nguyen
Location: RND 3C21
Art Unit: 2161
Thursday, June 29, 2006

Case Serial Number: 09/741680

From: Lucy Park
Location: EIC 2100
RND-4B11
Phone: 571-272-8667

lucy.park@uspto.gov

Search Notes

Dear Examiner Nguyen,

Here are the search results for your Fast & Focused search request on case number 09/741680. I flagged the results that looked most relevant, but please review all of the results. Please let me know if you have any questions about these or if you need any further information.

Lucy

Today's Date: 6/29/06

What date would you like to use to limit the search?

Priority Date: 12/15/00   Other:

Name: Nguyen, Cam Linh

AU: 2161   Examiner #: 78921

Room #: RND-3C21   Phone: 4024

Serial #: 09/741,680

Format for Search Results (Circle One):

(PAPER)   DISK   EMAIL

Where have you searched so far?

USP   DWPI   EPO   JPO   ACM   IBM TDB

IEEE   INSPEC   SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One) (YES)   NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

- Administrative (function, task) - Account management

- Sensitive (data, user, inf)

- Normal DB administrator

- Security officer

STIC Searcher: Lucy Park   Phone: 286607

Date picked up: 6/29/2006   Date Completed: 6/29/2006

```
File    2:INSPEC 1898-2006/Jun W3
           (c) 2006 Institution of Electrical Engineers
File    6:NTIS 1964-2006/Jun W3
           (c) 2006 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1970-2006/Jun W3
           (c) 2006 Elsevier Eng.  Info. Inc.
File   23:CSA Technology Research Database 1963-2006/Jun
           (c) 2006 CSA.
File   34:SciSearch(R) Cited Ref Sci 1990-2006/Jun W4
           (c) 2006 Inst for Sci Info
File   35:Dissertation Abs Online 1861-2006/Jun
           (c) 2006 ProQuest Info&Learning
File   65:Inside Conferences 1993-2006/Jun 29
           (c) 2006 BLDSC all rts. reserv.
File   94:JICST-EPlus 1985-2006/Mar W4
           (c)2006 Japan Science and Tech Corp(JST)
File   95:TEME-Technology & Management 1989-2006/Jun W4
           (c) 2006 FIZ TECHNIK
File   99:Wilson Appl. Sci & Tech Abs 1983-2006/May
           (c) 2006 The HW Wilson Co.
File  111:TGG Natl.Newspaper Index(SM) 1979-2006/Jun 20
           (c) 2006 The Gale Group
File  144:Pascal 1973-2006/Jun W1
           (c) 2006 INIST/CNRS
File  239:Mathsci 1940-2006/Aug
           (c) 2006 American Mathematical Society
File  256:TecInfoSource 82-2006/Aug
           (c) 2006 Info.Sources Inc
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
           (c) 1998 Inst for Sci Info
```

Set	Items	Description
S1	3872217	USER? ? OR ACCOUNT? ? OR USERNAME? ? OR PROFILE? ?
S2	12434953	DATA OR INFORMATION OR OBJECT? ?
S3	196895	S1:S2(3N)(SENSITIV??? OR CLASSIFIED OR RESTRICT??? OR SECR-ET OR SECRECY OR PRIVILEG??? OR PRIVATE OR PRIVACY OR SECUR??-?)
S4	525072	ADMINISTRATOR? ? OR OFFICER? ? OR ADMIN? ? OR SYSADMIN? ? -OR AUTHORITY OR AUTHORITIES OR MANAGER? ?
S5	18632	S4(3N)(SPECIAL OR SECUR??? OR TOP OR TOPMOST OR HIGH??? OR SENSITIV??? OR CLASSIFIED OR RESTRICT??? OR SECRET OR SECRECY OR PRIVILEG??? OR PRIVATE)
S6	8132	S4(3N)(SINGLE OR SINGLY OR ONLY OR SOLE OR ONE OR SINGULAR-?? OR ALONE OR LONE OR EXCLUSIVE?? OR SOLITARY OR DEDICATED)
S7	1243	S4(3N)(NORMAL OR REGULAR OR BASIC OR USUAL OR UNCLASSIFIED OR (NON OR .NOT.)()(SENSITIVE OR CLASSIFIED OR RESTRICT??? OR SECRET OR PRIVILEG??? OR PRIVATE OR SECUR???))
S8	312958	S1:S2(3N)(EDIT??? OR MODIFY??? OR MODIFIE? ? OR MODIFICATI-ON? ? OR CREAT??? OR SETUP? ? OR (SET OR SETS OR SETTING)()UP OR ESTABLISH??? OR DELET??? OR ACCESS???)
S9	53	S3 AND S5 AND S6
S10	49	RD (unique items)
S11	33	S10 NOT PY=2001:2006
S12	1	S11 AND S7
S13	3	S11 AND S8
S14	1179845	DATABASE? ? OR DATABANK? ? OR DATASTORE? ? OR DB OR DBMS OR RDBMS OR RDB OR DATA()(BASE? ? OR BANK? ? OR STORE? ?)
S15	6	S11 AND S14
S16	4	S15 NOT (S12 OR S13)
S17	15	S3 AND S5:S6 AND S7
S18	12	RD (unique items)

```
S19       10    S18 NOT PY=2001:2006
S20        9    S19 NOT (S12 OR S13 OR S16)
S21      387    SECURITY()OFFICER
S22        5    S21(3N)(SINGLE OR SINGLY OR ONLY OR SOLE OR ONE OR SINGULA-
                R?? OR ALONE OR LONE OR EXCLUSIVE?? OR SOLITARY OR DEDICATED)
S23       29    S3 AND S6 AND S8
S24       21    RD  (unique items)
S25       17    S24 NOT (S12 OR S13 OR S16 OR S20 OR S22)
S26       12    S25 NOT PY=2001:2006
```

1568356 NTIS Accession Number: AD-A230 437/6
  Example Secure System Specified Using the Terry-Wiseman Approach
  Harrold, C. L.
  Royal Signals and Radar Establishment, Malvern (England).
  Corp. Source Codes: 053783000; 409929
  Sponsor: Defence Research Information Centre, Orpington (England).
  Report No.: RSRE-90011; DRIC-BR-115326
  Jul 90   65p
  Languages: English
  Journal Announcement: GRAI9112
  Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC A04/MF A01
  Country of Publication: United Kingdom

  This report presents the specification of operations for a secure
document handling system (SERCUS). The specification uses the Terry-Wiseman
Security Policy Model and therefore acts as an example of the modelling
approach. The specification uses the mathematical notation Z, and
consequently also acts as an example of the use of Z in specifying secure
systems. However, it must be noted that an appreciation of SERCUS, the
model and modelling approach can usefully be gained even if the formal
specifications are not read. The Terry-Wiseman Model and its interpretation
are given as an Annex to this report. SERCUS is essentially an electronic
registry system which controls the creation of, and access to, classified
documents and mail messages. In the usual way, the users are assigned
clearances which limit their ability to observe and **modify** the
 information in the system. In addition to their clearance, the users have
a designated role to play. The possible roles are **security   officer** and
ordinary   **user** , although there were also registry clerks in the original,
longer, specification. Certain operations may only be performed by users
with the appropriate role. For example, **only   security   officers** may
 create new legal **users**   or review journalled information and, in the
original specification, only registry clerks could create files or add
documents to files. Although the model does allow systems to be specified
where individuals can have more than one role, this is not required in the
SERCUS application, and each user is assigned a single fixed role.

  Descriptors: *Documents; Classified materials; Electronic equipment;
Files(Records); Handling; Law enforcement; Mathematics; Model theory;
Officer personnel; Specifications
  Identifiers: *Foreign technology; * **Data** processing **security** ;
NTISDODXA
  Section Headings: 62GE (Computers, Control, and Information
Theory--General)

16/5/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

02348946   INSPEC Abstract Number: C79016191
 Title: **Mechanism for decentralization of security administration**
  Author(s): Fernandez, E.B.
  Author Affiliation: IBM Corp., Armonk, NY, USA
  Journal: IBM Technical Disclosure Bulletin   vol.21, no.6   p.2529-31
  Publication Date: Nov. 1978 Country of Publication: USA
  CODEN: IBMTAA ISSN: 0018-8689
  Language: English   Document Type: Journal Paper (JP)
  Treatment: Practical (P)

  Abstract: Describes a system of **database   security   administrators**
which delegate and recall security functions and enforce global security
policies at each delegated **database** partition. There exists the need in
large shared   **databases**   to delegate security administration functions,
i.e., to have administrators in charge of portions of the total **database** .
A centralized   **security   administrator   only** could result in severe
bottlenecks. This mechanism allows **security   administrators** to delegate
part or all of their security functions, while maintaining some supervisory
control over the delegated portions of the **database.**   (0 Refs)
  Subfile: C
  Descriptors: **database** management systems; **security** of **data**
  Identifiers: decentralization of security administration; **database
security   administrators** ; global security policies; shared **databases** ;
supervisory control; delegated portions
  Class Codes: C0310 (EDP management); C6160 (Database management systems
(DBMS))

20/5/7   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2006 Elsevier Eng.   Info. Inc. All rts. reserv.

04745280   E.I. No: EIP97073722064
   Title: EBMUD's Pipe Dream - a project tracking system
   Author: Levine, Andrew J.; Butler, Carrie L.; Stanton, Raymond E.; Irias,
Xavier J.; Miller, Marilyn L.
   Corporate Source: East Bay Municipal Utility District, Oakland, CA, USA
   Conference Title: Proceedings of the 1997 4th Congress on Computing in
Civil Engineering
   Conference   Location: Philadelphia,   PA,   USA   Conference   Date:
19970616-19970618
   Sponsor: ASCE
   E.I. Conference No.: 46574
   Source: Computing in Civil Engineering (New York) 1997. ASCE, New York,
NY, USA. p 449-456
   Publication Year: 1997
   CODEN: CCENEX
   Language: English
   Document Type: CA; (Conference Article)   Treatment: G; (General Review);
M; (Management Aspects)
   Journal Announcement: 9708W4

   Abstract: Pipe Dream is a computerized system developed by East Bay
Municipal Utility District (EBMUD) to schedule and track pipeline projects
from planning through construction. At any one time, EBMUD has over 500
active pipeline projects in some stage of planning, design, or
construction. By centralizing all project information in one database, Pipe
Dream replaces many individual, manual record-keeping systems used in over
a dozen work units. Pipe Dream has a user-friendly, Windows standard
interface for entering and viewing data. Sophisticated sorting and
filtering features allow queries of incoming projects, late projects, or
projects assigned to a particular engineer. Customized reports show current
project status, statistics on average duration, resource loading, and
backlog. The Pipe Dream tracking system was developed in Microsoft Visual
Basic and accesses data contained in Microsoft Access and Oracle databases.
 Security controls maintain **data** integrity by allowing **only** the
project **manager** to change **basic** project information. Schedule changes
for a particular work unit can only be made by a member of that unit. Since
Pipe Dream allows all parties to enter and track their projects and
constraints in real time, it enables pro-active management of multiple
projects. By displaying anticipated tasks as well as current status and
historical durations, estimated completion dates can be accessed at any
time. (Author abstract)
   Descriptors: *Pipelines; Project management; Scheduling; User interfaces;
BASIC (programming language); Query languages; Management information
systems; Real time systems
   Identifiers: Project tracking systems; Software package WINDOWS; Software
package pipe dream; Visual basic (programming language)
   Classification Codes:
   723.1.1 (Computer Programming Languages)
   619.1 (Pipe, Piping & Pipelines); 912.2 (Management); 722.2 (Computer
Peripheral Equipment); 723.1 (Computer Programming); 723.3 (Database
Systems); 723.2 (Data Processing)
   619 (Pipes, Tanks & Accessories); 912 (Industrial Engineering &
Management); 722 (Computer Hardware); 723 (Computer Software)   ·
   61 (PLANT & POWER ENGINEERING); 91 (ENGINEERING MANAGEMENT); 72
(COMPUTERS & DATA PROCESSING)

22/5/1   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS
(c) 2006 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1320954 NTIS Accession Number: AD-A183 361/5
  Demonstration of a Trusted Computer Interface between a Multilevel Secure Command and Control System and Untrusted Tactical Data Systems
  (Master's thesis)
  Rector, G. E.
  Naval Postgraduate School, Monterey, CA.
  Corp. Source Codes: 019895000; 251450
  Mar 87   161p
  Languages: English   Document Type: Thesis
  Journal Announcement: GRAI8722
  Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A08/MF A01
  Country of Publication: United States
  The task of this research is to demonstrate a multilevel secure interface between a system operating at multiple security levels and other untrusted systems operating at a single security level. Without a trusted interface device, these systems cannot be electronically connected. All communications between the systems must be done manually with all information transfer being reviewed by a **security   officer** . **Only** releasable information is printed or stored in a removable medium and hand carried to the other system. In contrast, a trusted, multilevel secure guard can connect untrusted systems eletronically and control the release of sensitive information. This task will demonstrate the ability of a multilevel trusted system to interface with untrusted systems operating at different levels of security. Keywords: GEMSOS (Gemini Secure Operating System).
  Descriptors: *Communication and radio systems; *Tactical data systems; *Information transfer; *Command and control systems; *Security; Computers; Interfaces; Control; Officer personnel; Secure communications; Sensitivity
    Identifiers: *Operating systems(Computers); Computer security; NTISDODXA
    Section Headings: 74G (Military Sciences--Military Operations, Strategy, and Tactics); 45C (Communication--Common Carrier and Satellite)

Set	Items	Description
S1	723677	USER? ? OR ACCOUNT? ? OR USERNAME? ? OR PROFILE? ?
S2	1394692	DATA OR INFORMATION OR OBJECT? ?
S3	73135	S1:S2(3N)(SENSITIV??? OR CLASSIFIED OR RESTRICT??? OR SECRET OR SECRECY OR PRIVILEG??? OR PRIVATE OR PRIVACY OR SECUR??-?)
S4	112302	ADMINISTRATOR? ? OR OFFICER? ? OR ADMIN? ? OR SYSADMIN? ? -OR AUTHORITY OR AUTHORITIES OR MANAGER? ?
S5	6175	S4(3N)(SPECIAL OR SECUR??? OR TOP OR TOPMOST OR HIGH??? OR SENSITIV??? OR CLASSIFIED OR RESTRICT??? OR SECRET OR SECRECY OR PRIVILEG??? OR PRIVATE)
S6	10306	S4(3N)(SINGLE OR SINGLY OR ONLY OR SOLE OR ONE OR SINGULAR-?? OR ALONE OR LONE OR EXCLUSIVE?? OR SOLITARY OR DEDICATED)
S7	758	S4(3N)(NORMAL OR REGULAR OR BASIC OR USUAL OR UNCLASSIFIED OR (NON OR .NOT.)()(SENSITIVE OR CLASSIFIED OR RESTRICT??? OR SECRET OR PRIVILEG??? OR PRIVATE OR SECUR???))
S8	196906	S1:S2(3N)(EDIT??? OR MODIFY??? OR MODIFIE? ? OR MODIFICATI-ON? ? OR CREAT??? OR SETUP? ? OR (SET OR SETS OR SETTING)()UP OR ESTABLISH??? OR DELET??? OR ACCESS???)
S9	143	S3(20N)S5(20N)S6
S10	7	S9(20N)S7
S11	710	S3(20N)S5:S6(20N)S8
S12	19	S11(100N)S7
S13	13	S12 NOT S10
S14	12	S13 NOT AD=20001215:20031215/PR
S15	11	S14 NOT AD=20031215:20060321/PR
S16	127	S3(5N)S6
S17	79	S16(100N)S8
S18	67	S17 NOT (S10 OR S13)
S19	51	S18 NOT AD=20001215:20031215/PR
S20	43	S19 NOT AD=20031215:20060321/PR
S21	38	S20 AND IC=G06F
S22	216	SECURITY()OFFICER
S23	3	S21 AND S22
S24	22	S22(3N)(SINGLE OR SINGLY OR ONLY OR SOLE OR ONE OR SINGULA-R?? OR ALONE OR LONE OR EXCLUSIVE?? OR SOLITARY OR DEDICATED)
S25	13	S24 NOT AD=20001215:20031215/PR
S26	13	S25 NOT AD=20031215:20060321/PR
S27	10	S26 NOT S23

DIALOG(R)File 348:EUROPEAN PATENTS

00468476
Security system for electronic printing systems
Sicherheitssystem fur elektronische Drucksysteme
Systeme de securite pour systemes d'impressions electroniques
PATENT ASSIGNEE:
  XEROX CORPORATION, (219781), Xerox Square - 020, Rochester New York 14644
    , (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Rourke, John L., 94 Waterford Way, Fairport, N.Y. 14450, (US)
  Wing, Peter D., 94 Hefner Drive, Webster, N.Y. 14580, (US)
  Ratcliffe, Jack F., II, 19 Sunset Boulevard, Pittsford, N.Y. 14534, (US)
  Valliere, Paul J., 15 Grimsby Gate, Fairport, N.Y. 14450, (US)
LEGAL REPRESENTATIVE:
  Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
    , Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 477570 A2 920401 (Basic)
                              EP 477570 A3 921007
                              EP 477570 B1 990512
APPLICATION (CC, No, Date): EP 91114459 910828;
PRIORITY (CC, No, Date): US 591330 900928
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): G06F-001/00;
ABSTRACT WORD COUNT: 49

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9919	489
CLAIMS B	(German)	9919	477
CLAIMS B	(French)	9919	583
SPEC B	(English)	9919	5661
Total word count - document A			0
Total word count - document B			7210
Total word count - documents A + B			7210

...SPECIFICATION user would have full access to any function available on
  the system
    (2) a partially **secure** site would allow User IDs to be assigned to
  some users at the Security Administrator...

...a fully secured site where all users are assigned a User ID by the
  Security **administrator** .
    (4) fully **secured** site with passwords would allow some or all users,
  at the discretion of the **Security   administrator** , to employ their own
  password to control access to the user's own files that are in the
  system.
    A Site administrator is normally provided (although **one**
administrator may serve in both Site and **Security   Administrator**
  capacities). The Site **administrator** is considered a **privileged** user
  and as such has certain privileges over and above those of either a
  secure or **non - secure   user** . The Site **administrator** typically
  establishes the programming features and functions that the site will
  have, the system default...

15/3,K/5   (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00958366
Method and apparatus for storing and controlling access to information
Verfahren und Vorrichtung zur Speicherung von Daten und Steuerung des
   Zugriffs dazu
Methode et dispositif pour le stockage des donnees et l'acces a celles-ci
PATENT ASSIGNEE:
   PITNEY BOWES INC., (244957), World Headquarters, One Elmcroft Road,
      Stamford, Connecticut 06926-0700, (US), (Proprietor designated states:
      all)
INVENTOR:
   Basso, Michael R., 10 Boulder Road, Norwalk, Connecticut 06854, (US)
   Lee, Joonho, 127 Promenade Drive, Hamden, Connecticut 06514, (US)
   Li, Chunhua, 134 Sugar Hill Road, North Haven, Connecticut 06473, (US)
LEGAL REPRESENTATIVE:
   Avery, Stephen John et al (47695), Hoffmann Eitle, Patent- und
      Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 869460   A2   981007 (Basic)
                               EP 869460   A3   991103
                               EP 869460   B1   030618
APPLICATION (CC, No, Date):   EP 98103816 980304;
PRIORITY (CC, No, Date): US 810746 970304
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G07F-007/10
ABSTRACT WORD COUNT: 192
NOTE:
   Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199841	1320
CLAIMS B	(English)	200325	1206
CLAIMS B	(German)	200325	1140
CLAIMS B	(French)	200325	1347
SPEC A	(English)	199841	6718
SPEC B	(English)	200325	7022
Total word count - document A			8039
Total word count - document B			10715
Total word count - documents A + B			18754

...SPECIFICATION disadvantage that a system failure which prevents
   communication with the Trusted Authority would prevent any **access** to
   the encrypted information. Accordingly, in other embodiments of the
   subject invention the smartcard of...

...P or of provider H may store the key used to encrypt certain sensitive,
   critical, **information** , and maybe programmed to decrypt and output this
   information for certain providers who are certified by the Certifying
   Authority as having emergency authorization to **access** such **information**
    even in the event of a system failure. For example, the head of an
   emergency medical service might have **authority** to **access** such
   sensitive , critical **data** in the event of a system failure while other
   medical personal could only **access** such **data** with an **access** code
   issued by a Trusted Authority, but without needing immediate access to
   the Trusted **Authority** . Of course, non- **sensitive**   **information** , such

as blood type, can simply be printed on the face of the card.
Turning...

...SPECIFICATION for certain providers who are certified by the Certifying Authority as having emergency authorization to **access** such **information** even in the event of a system failure. For example, the head of an emergency medical service might have **authority** to **access** such **sensitive** , critical **data** in the event of a system failure while other medical personnel could only **access** such **data** with an **access** code issued by a Trusted Authority, but without needing immediate access to the Trusted **Authority** . Of course, non- **sensitive** **information** , such as blood type, can simply be printed on the face of the card.
Turning...

23/3,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Univentio. All rts. reserv.

00450528   **Image available**
METHODS AND APPARATUS FOR CONTROLLING ACCESS TO INFORMATION
PROCEDES ET APPAREIL DE CONTROLE D'ACCES A DES INFORMATIONS
Patent Applicant/Assignee:
  INTERNET DYNAMICS INC,
Inventor(s):
  JENSEN Daniel,
  LIPSTONE Laurence R,
  RIBET Michael B,
  SCHNEIDER David S,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9840992 A2 19980917
  Application: WO 98US4522 19980309 (PCT/WO US9804522)
  Priority Application: US 9739542 19970310; US 9740262 19970310; US
     9834587 19980304; US 9834503 19980304; US 9834507 19980304; US 9834576
     19980304
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
  GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
  NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
  KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR
  GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 38574

...International Patent Class (v7): **G06F-001/00**
Fulltext Availability:
  Detailed Description

Detailed Description
... up, a built-in administrative policy gives a built-in administrative
  user group called the **security officer** the right to make
  administrative policy for all objects in the system. Members of the
  security officer user group delegate rights to make administrative
  policy to other administrative user groups as required...that the right
  to administer an information set is separate from the right to make
  access policy for the **information** set. The fact that a user group has
  the right to make **access** policy concerning an **information** set does
  not give the user group the right to make administrative policy for the
  information set, and vice-versa. When an access filter 203 is first set
  up, a **single** built-in **security officer user** group has
  administrative authority over all of the objects in VPN 201 and over
  policy...

...with administrative policy
  Inheritance works with administrative policy the same way that it does
  with **access** policy.

  The **user** groups, information sets, and available resources to which
  administrative policies are directed are hierarchically organized...
  Engineers
  2511, Engineering Data 2513, and over access to Engineering Data to
  Engineering Administrators 2509.

Security   Officer   2503 of course still has administrative authority
over
Engineering Administrators and can use that authority...a member of the
group is an aebninistrator, i.e., can make administrative policy, a
security   officer , i.e., can make policy maker policy, or a simple user
of information. User group...

27/3,K/2   **(Item 2 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00636174
COMPLEX DOCUMENT SECURITY
SICHERHEIT EINES KOMPLEXEN DOKUMENTS
SECURITE DE DOCUMENTS COMPLEXES
PATENT ASSIGNEE:
  THE COMMONWEALTH OF AUSTRALIA, (265068), Anzac Park Offices, Constitution
    Avenue, Canberra, ACT 2601, (AU), (Proprietor designated states: all)
INVENTOR:
  ANDERSON, Mark Stephen, Info. Tech. Div., Defence Science and Technology
    Organisation, Commercial Road Salisbury, S.A. 5108, (AU)
  YESBERG, John Desborough, Info.Tech. Div., DefenceScience and Technology
    Organisation, Commercial Roa, Salisbury, S.A. 5108, (AU)
  POPE, Michael, Info. Tech. Div., Defence Science and Technology
    Organisation, CommercialRoad, Salisbulry, S.A. 5108, (AU)
  NAYDA, Lisa, Info. Tech. Div., Defence Science andTechnology Organisation
    , Commercial Road, Salisbury, S.A. 5108, (AU)
  HAYMAN, Ken, Info. Tech. Div., Defence Science andTechnology Organisation
    , Commercial Road, Salisbury, S.A. 5108, (AU)
  BEAHAN, Brendan, Info.Tech.Division, Defence Science and Technology
  Organisation, Commercial Road, Salisbury, S.A. 5108, (AU)
LEGAL REPRESENTATIVE:
  Hill, Richard et al (75001), Wilson, Gunn, M'Caw, Cross Street 41-51
    Royal Exchange, Manchester M2 7BD, (GB)
PATENT (CC, No, Kind, Date):   EP 746926   A1   961211 (Basic)
                                EP 746926   A1   990113
                                  EP 746926   B1   031029
                                  WO 94014259   940623
APPLICATION (CC, No, Date):   EP 94902537 931214;   WO 93AU645   931214
PRIORITY (CC, No, Date): AU 92PL6312 921214
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): H04L-009/00; G06F-007/00
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200344	1554
CLAIMS B	(German)	200344	1525
CLAIMS B	(French)	200344	1672
SPEC B	(English)	200344	5748

Total word count - document A   0
Total word count - document B   10499
Total word count - documents A + B   10499
...SPECIFICATION set of filter processes which are performed 22 on the IF,
  this preset being controlled **only** by the **security** **officer** and/or
  the system administrator.
    In practical terms, therefore, the filtering process aims to decrease
  ...

00796265 **Image available**
CRYPTOGRAPHIC MODULE FOR SECURE PROCESSING OF VALUE-BEARING ITEMS
MODULE CRYPTOGRAPHIQUE DE TRAITEMENT SECURISE D'ARTICLES A VALEUR AFFICHEE
Patent Applicant/Assignee:
  STAMPS COM, Suite 1040, 3420 Ocean Park Boulevard, Santa Monica, CA 90405
    , US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  OGG Craig L, 4405 Cerritos Avenue, Long Beach, CA 90807, US, US
    (Residence), US (Nationality), (Designated only for: US)
  CHOW William W, 3409 Stoner Avenue, Los Angeles, CA 90066, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  TABANDEH Raymond R (agent), Christie, Parker & Hale, LLP, P.O. Box 7068,
    Pasadena, CA 91109-7068, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200129776 A1 20010426 (WO 0129776)
  Application: WO 2000US28600 20001016 (PCT/WO US0028600)
  Priority Application: US 99160112 19991018; US 99160041 19991018; US
    99160491 19991020; US 99160503 19991020; US 99160563 19991020; US
    2000193057 20000329; US 2000193055 20000329; US 2000193056 20000329
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES
  FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
  TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 24912

Fulltext Availability:
  Detailed Description

Detailed Description
... control database creates the minimal set of users required by the
  module. This set includes **one** Administrator, **one** Security Officer
  and at least two Key Custodians. This command is the first command in
  Initializing state...

Set	Items	Description
S1	893115	USER? ? OR ACCOUNT? ? OR USERNAME? ? OR PROFILE? ?
S2	3524616	DATA OR INFORMATION OR OBJECT? ?
S3	56927	S1:S2(3N)(SENSITIV??? OR CLASSIFIED OR RESTRICT??? OR SECRET OR SECRECY OR PRIVILEG??? OR PRIVATE OR PRIVACY OR SECUR???)
S4	53725	ADMINISTRATOR? ? OR OFFICER? ? OR ADMIN? ? OR SYSADMIN? ? OR AUTHORITY OR AUTHORITIES OR MANAGER? ?
S5	1316	S4(3N)(SPECIAL OR SECUR??? OR TOP OR TOPMOST OR HIGH??? OR SENSITIV??? OR CLASSIFIED OR RESTRICT??? OR SECRET OR SECRECY OR PRIVILEG??? OR PRIVATE)
S6	1329	S4(3N)(SINGLE OR SINGLY OR ONLY OR SOLE OR ONE OR SINGULAR?? OR ALONE OR LONE OR EXCLUSIVE?? OR SOLITARY OR DEDICATED)
S7	197	S4(3N)(NORMAL OR REGULAR OR BASIC OR USUAL OR UNCLASSIFIED OR (NON OR .NOT.)()(SENSITIVE OR CLASSIFIED OR RESTRICT??? OR SECRET OR PRIVILEG??? OR PRIVATE OR SECUR???))
S8	167018	S1:S2(3N)(EDIT??? OR MODIFY??? OR MODIFIE? ? OR MODIFICATION? ? OR CREAT??? OR SETUP? ? OR (SET OR SETS OR SETTING)()UP OR ESTABLISH??? OR DELET??? OR ACCESS???)
S9	0	S3 AND S5 AND S6 AND S7 AND S8
S10	10	S3 AND S5 AND S6
S11	7	S10 NOT AD=20001215:20031215/PR
S12	6	S11 NOT AD=20031215:20060321/PR
S13	38	S3 AND S6
S14	28	S13 NOT S10
S15	17	S14 NOT AD=20001215:20031215/PR
S16	15	S15 NOT AD=20031215:20060321/PR
S17	3	S3 AND S5:S6 AND S7
S18	7145	S3 AND S8
S19	102	S18 AND S5:S7
S20	89	S19 NOT (S10 OR S14 OR S17)
S21	53	S20 NOT AD=20001215:20031215/PR
S22	38	S21 AND IC=G06F
S23	25	SECURITY()OFFICER
S24	0	S22 AND S23
S25	38	IDPAT S22 (sorted in duplicate/non-duplicate order)
S26	24	S23 NOT (S10 OR S14 OR S17 OR S20)
S27	16	S26 NOT AD=20001215:20031215/PR
S28	14	S27 NOT AD=20031215:20060321/PR

bibliographic patents

17/5/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

014796657   **Image available**
WPI Acc No: 2002-617363/200266
XRPX Acc No: N02-488562
  **Database system management method in distributed computing system,
  involves executing administrative function if** object **is not** sensitive
  and function execution command is received from normal **database**
  administrator
Patent Assignee: SAMAR V (SAMA-I)
Inventor: SAMAR V
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20020078049 A1   20020620 US 2000741680   A   20001215 200266 B

Priority Applications (No Type Date): US 2000741680 A 20001215
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20020078049 A1   9 G06F-017/30

Abstract (Basic): US 20020078049 A1
       NOVELTY - A command is received to perform an administrative
   function involving an object defined within the database system. The
   administrative function is performed, if the **object** is not **sensitive**
   and if the command is received from a **normal** database **administrator**
   (134) for the system. The function is restricted from execution if the
   object is **sensitive** and command is received from **security
   officer** (136).
       DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
   following:
       (1) Computer readable storage medium storing database system
   management program; and
       (2) Database system management apparatus.
       USE - For managing database system storing **sensitive** ,
   confidential **data** such as salary information, in distributed
   computing system.
       ADVANTAGE - Provides the capability to store the **sensitive** **data**
   in encrypted form, while minimizing the number of database
   administrators needed to access the encrypted **data** , thereby reducing
   the **security** problem arising from allowing a large number of system
   administrators to have access to the encrypted data.
       DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of
   the distributed computing system.
       Database administrator (134)
       Security officer (136)
       pp; 9 DwgNo 1/4
Title Terms: DATABASE; SYSTEM; MANAGEMENT; METHOD; DISTRIBUTE; COMPUTATION;
   SYSTEM; EXECUTE; ADMINISTER; FUNCTION; OBJECT; SENSITIVE; FUNCTION;
   EXECUTE; COMMAND; RECEIVE; NORMAL; DATABASE; ADMINISTER
Derwent Class: T01
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-012/14; HC
File Segment: EPI

your app

013493341   **Image available**
WPI Acc No: 2000-665284/200064
XRPX Acc No: N00-493048
  Cryptographic key distribution method for data **communication, involves
  allocating** private **and public keys selected similar to selection of
  identity and sub-** secret **for subordinate** administrators **to final
  operators**
Patent Assignee: TOTALFOERSVARETS FORSKNINGSINSTITUT (TOTA-N); FOERSVARETS
  FORSKNINGSANSTALT (FOER-N)
Inventor: BENGTSSON A
Number of Countries: 020   Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200064098	A1	20001026	WO 2000SE721	A	20000414	200064	B
SE 9901358	A	20001017	SE 991358	A	19990416	200064	
SE 515778	C2	20011008	SE 991358	A	19990416	200161	

Priority Applications (No Type Date): SE 991358 A 19990416
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200064098	A1	E	21	H04L-009/32	

    Designated States (National): JP US
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE

SE 9901358	A			H04L-009/32	
SE 515778	C2			H04L-009/32	

Abstract (Basic): WO 200064098 A1
     NOVELTY - **Basic   secret** and subordinate **administrators** (A1-A3)
  are selected by a main administrator (A). Identity in the form of
  unique prime number is provided to all administrators and associated
  final operators. Sub-secret is allocated to subordinate **administrators**
  . **Private** and public keys selected similar to selection of identity
  and sub- **secret** for subordinate **administrators** , are allocated to
  final operators.
     USE - For data communication in communication network.
     ADVANTAGE - Implements automatic handling of chains of certificates
  in nodes of the type radiosets. Enables to form a common secret,
  replace change of certificates with identities in certification
  authority hierarchy and cause implicit certification of public keys.
     DESCRIPTION OF DRAWING(S) - The figure shows the hierarchical
  structure of main and subordinate administrators.
     Main administrator (A)
     Subordinate administrators (A1-A3)
     pp; 21 DwgNo 1/1
Title Terms: CRYPTOGRAPHIC; KEY; DISTRIBUTE; METHOD; DATA; COMMUNICATE;
  ALLOCATE; PRIVATE; PUBLIC; KEY; SELECT; SIMILAR; SELECT; IDENTIFY; SUB;
  SECRET; SUBORDINATE; FINAL; OPERATE
Derwent Class: W01
International Patent Class (Main): H04L-009/32
File Segment: EPI

P RTAL
USPTO

Search: ⊙ The ACM Digital Library   ○ The Guide

+"security officer" +"normal administrator*"   **SEARCH**

Nothing Found

Your search for **+"security officer" +"normal administrator*"** did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

        sales offices

    You can also enter a full question or concept in plain language.

        Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

        John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

        "museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

        museum +art

- Exclude pages by using a - if a search term must not appear on a page.

        museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

        museum +"natural history" dinosaur -Chicago

P❂RTAL

USPTO

Nothing Found

Your search for **+"security officer" +"sensitive user*"** did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

  ```
  sales offices
  ```

  You can also enter a full question or concept in plain language.

  ```
  Where are the sales offices?
  ```

- Capitalize proper nouns to search for specific people, places, or products.

  ```
  John Colter, Netscape Navigator
  ```

- Enclose a phrase in double quotes to search for that exact phrase.

  ```
  "museum of natural history" "museum of modern art"
  ```

- Narrow your searches by using a **+** if a search term must appear on a page.

  ```
  museum +art
  ```

- Exclude pages by using a **-** if a search term must not appear on a page.

  ```
  museum -Paris
  ```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```